

DON'T FORGET

Sunday daylight savings time begins. Set clocks ahead one hour Saturday night before going to bed.

BASE BRIEFS OFFICIALS OPEN BEACHES

Fridays through Mondays, people can visit limited areas of Surf, Wall and Minuteman beaches. The open-area boundaries are clearly marked and base officials will issue citations to people who enter closed areas. Docents can provide beach visitors with information about the Western Snowy Plover. To volunteer as a docent, call Supervisor Joni Grey's office at 737-7700. For all information regarding beach access, call the Beach Hotline at 606-6804.

RANGE COMPLEX OFF LIMITS

The 30th Security Forces Squadron Combat Arms Range Complex, located off of San Antonio Road West, is off limits to all unauthorized people. Danger signs are posted around the hazardous area of the range complex. For entry, call 605-5025.

MED GROUP NEEDS INSURANCE INFO

Throughout the month of April, 30th Medical Group patients should plan to arrive at least 25 minutes before their scheduled appointments. Clinic workers will collect third party insurance information from patients who carry additional health insurance. Those who don't have additional insurance coverage must fill out the required forms too. For information, call Capt. Vernon Swinton at 606-9076.

DENTAL SICK CALL HOURS CHANGE

Monday, the dental clinic began limiting afternoon sick call appointments to 381st Training Group students only. All others may report to the dental clinic for sick call at 7:30 a.m. for evaluation. Active-duty patients who have severe dental emergencies will continue to be seen 24 hours a day. For information, call the dental clinic at 606-8860.

WING NEEDS VOLUNTEERS

The 30th Space Wing needs volunteers to march in the Salute to the U.S. Air Force Armed Forces Day Parade in Torrance, Calif., May 18. For information or to volunteer, call Public Affairs at 606-3595.

GC STAFF NEEDS DV ESCORTS

The Guardian Programs Office needs officers, second lieutenant through major, to serve as

See BRIEFS Page 9

Launch to prove ICBM reliability

By Master Sgt. Ty Foster 30th Space Wing Public Affairs

■ Sometime between 1:01 and 7:01 a.m. Monday, two Air Force launch controllers flying somewhere over the Pacific will turn their keys and a Minuteman III intercontinental ballistic missile will erupt from its underground silo here streaking skyward toward its pre-designated target.

About 30 minutes later, the missile's three unarmed warheads will impact somewhere in the Kwajelein Atoll about 4,800 miles from here.

The mission, Glory Trip-178, is part of the Force Development Evaluation Program testing the reliability and accuracy of the nation's nuclear weapon system.

"Glory trips are a crucial part

of this nation's deterrence," said Lt. Col. Mike Fortney, 576th Flight Test Squadron commander and mission director for GT-178. He described deterrence as convincing "an enemy not to act based on a perceived threat of unacceptable consequences."

The key to that perception, Fortney said, is to periodically show the capability and viability of this nation's nuclear weapon sys-

"That's where we come in," the mission director said. "Through Glory Trips, we demonstrate a capability that potential adversaries will likely find unacceptable."

Deterrence notwithstanding, they're an important milestone in

See MM III Page 9

2nd SLS concludes Titan II de-stack

Preparations underway Lt.Col. Clint Crosier, 2nd Space for G-14 launch of NOAA weather satellite

By CAPT. TOM KNOWLES 30^{th} Space Wing Public Affairs

■ After completing the unprecedented task of de-fueling and destacking a previously scheduled Titan II rocket, dubbed G-9, launch crews are now preparing to launch another Titan II in its place.

The second rocket, known as G-14, is scheduled to launch in June and will carry a National Oceanic and Atmospheric Administration weather satellite.

After numerous problems were discovered with the G-9 payload, a military weather satellite, officials determined the repairs would need to be made at an off-base facility.

Having de-fueled and removed the payload, launch crews were faced with the task of removing G-9 to make way for G-14 and its respective payload.

Launch Squadron commander. "The only time we'd ever conducted a de-stack was on a Pathfinder test rocket and we'd never de-fueled one."

Each booster is specifically configured for its respective payload, making it impossible to re-use an already configured booster.

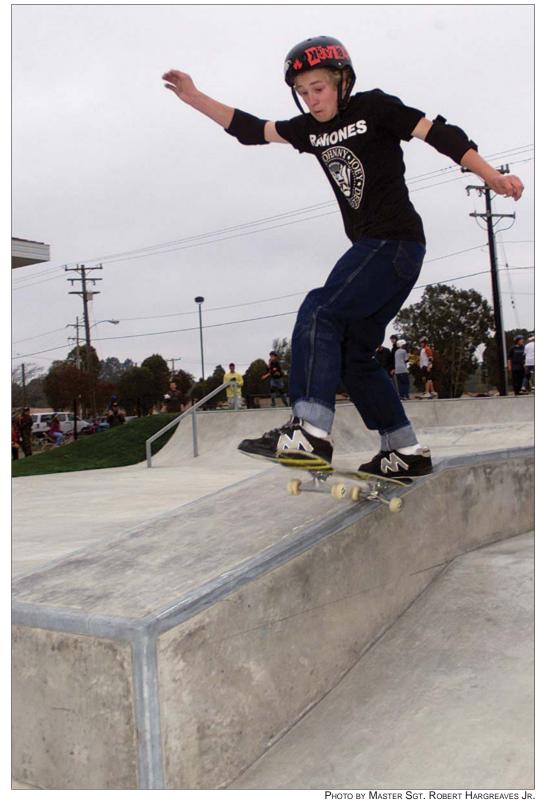
"Because of this, we're unable to take one satellite off and replace it with another," said Crosier.

The booster was successfully de-stacked about two weeks ago. In the meantime, crews are performing maintenance to the Titan

II's space launch complex. "We're currently in a corrosion control period on the pad, which we'll complete this week," said Crosier. "Then we'll start stacking the G-14 booster, which is the NOAA satellite."

The NOAA satellite will be shipped to the base within the next few weeks for overall payload processing and integration to the

Grinding fun



Robby Hargreaves III. 14, performs a tail-slide grind at the grand opening of the skate park March 29. More than 200 Team Vandenberg people attended the opening of the skate park, roller rink and new tennis courts on Summersill Avenue. The hours of operation for the new facilities are Sunday to Thursday from 8 a.m. to 8 p.m. and Friday and Saturday from 8 a.m. to 10 p.m.

Services checkout center opens soon

BY STAFF SGT. ANDREW LEONHARD 30th Space Wing Public Affairs

■ Quality of life is the talk around the Air Force and it's no different with Team Vandenberg.

The 30th Services Squadron and contractors are moving toward a fall opening date with the base's new Outdoor Recreation Equipment Rental Center located near the auto hobby shop on Alaska Way.

The \$895,000 facility is a welcome change for services squadron members.

"The new facility is very attractive and will allow us to expand our line of products," said Jane Gibbs, outdoor recreation manager.

The 8,500-square-foot building will have more room for both customers and employees. Along with more area for equipment, the center will have a larger room for repairs. It will also have a conference room to use for training and meetings, said Gibbs.

"This is another great initiative for Team Vandenberg," said Lt. Col. David Cannon, 30th SVS commander. "A new and modern facility to replace an aging one. This gives the workers a better working environment and a much nicer customer service-oriented facility.'

Construction is scheduled to end in late August. The services squadron has a tentative opening date in mid-September, said Jo Anna Creel, 30th SVS deputy

By 2ND LT. MICHELLE MAYO

very few months crowds

sites and watch in awe

as a Minuteman III

intercontinental ballistic missile

For most people, it's a

blasts into the sky and off into the

spectacular show that lasts a few

gather at launch viewing

30th Space Wing Public Affairs

distant horizon.



F.E. Warren that one of their

to take the on-alert sortie,

selected Aug. 31, off-alert,

missiles was slated for launch.

"For this launch, the mainte-

nance members were responsible

remove it from the launch facility

and ship it to Vandenberg," said

Lt. Col. Derek Avance, 90th Space

See GLORY Page 9

Mike Sanders, a drywall taper and carpenter, applies plaster to a window sill at the new Outdoor Recreation Equipment Rental Center, scheduled to open this fall.

GC competition goes forward despite war BY CAPT. ADRIANE CRAIG AFSPC Public Affairs

■ PETERSON AFB, Colo. - The war on terrorism isn't stopping Air Force Space Command's annual space and missile competition, the only major Air Force competition to be held consecutively for 35 years.

The command has announced that all systems are go for the May 5 through 10 Guardian Challenge at Vandenberg despite initial fears that real-world operations in Operation Enduring Freedom would stop it.

"We surveyed all the bases, made some modifications to the competition and eligibility requirements and made it happen," said Mark Col. Lilevjen, chief of the Operations Training and Evalu-

ation Division at AFSPC and this year's competition commander.

Two changes to the competition this year involve the helicopter and security forces events.

All helicopter activities will be consolidated and take place during the competition week at Vandenberg. Before, the navigation event portion was completed weeks in advance at a neutral site. This adjustment consolidates helicopter events, reducing the number of airframes and crews pulled from duty.

On the ground, security forces personnel must wait until April 15 to begin training, two weeks later than last year. The shortened training period means more security forces can perform their primary duties longer before heading to

Guardian Challenge officials say that because the competition sharpens operational effectiveness and helps improve procedures and tactics, the decision to proceed was easy to make.

"Guardian Challenge is all about developing the talent of our space warriors," said

Maj. Gen. "Mitch" Mitchell, AFSPC director of operations. "It's a great opportunity to refine our operational procedures, hone our combat capabilities and foster esprit de corps. World events

make that especially impor-

tant this year.' Since its inception, the competition has gone through three major commands and several name changes. It began in 1967 as Strategic Air Command's first missile combat competition called "Curtain Raiser." In 1969, the name changed to "Olympic Arena" and stuck for 25 years before AFSPC took over the reins and renamed it Guardian Challenge for the 1994

See GC Page 9

This issue of the



Also view The Space & Missile Times at space_times/index.html

Guardian Challenge Operations Team set sights on one thing -keeping the Shriever. See Page 3.



Minuteman task force aims high

For hundreds of others, the

coordinated effort and hard work.

III launch, the journey began last

August at F.E. Warren AFB, Wyo.

Air Force Space Command

sent word to the 90th Space Wing

Missile Maintenance Squadron at

For this Monday's Minuteman

Minuteman's journey is the

culmination of months of

moments and is over.

Liberty, Justice join Team V. 30th SFS introduces newest members of team. See Page 3.



Weekend forecast Patchy early morning fog with chance of showers Saturday.





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Commander's Action line

ission success is our top priority, and the talented men and women of Team Vandenberg get it done with excellence.

Key to the effectiveness of any great team is good communication. The 30th Space Wing Commander's Action Line is your direct communication link to me.

It provides an avenue for you to voice your concerns, share constructive ideas, or give your Vandenberg teammates a pat on the back.



I appreciate your input, and I am personally involved in every response.

While the Commander's Action Line is a great way to communicate, don't forget there are many other avenues to get answers to your questions including your chain of command, first sergeants, base services officials and other base professionals.

Thanks for helping to make Vandenberg such a great place to work and live. When calling the action line, please leave your name and phone number in case more information is needed.

Action line 606-7850

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30th Space Wing.

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Questions regarding the paper can be directed to the Space & Missile Times staff at (805) 606-2040.



Heard a rumor? Get the facts!

During crises or emergencies, call the Vandenberg rumor control line at 606-1857.

April is Child Abuse Prevention Month

The base family advocacy office is handing out blue ribbons for Team V to wear Monday through Friday. The ribbons are authorized for wear on the left pocket of military uniforms. By wearing this ribbon, people show their commitment to the safety and welfare of all children in the local community.

Supply serves healthy portion of core values

By Maj. John Riggins
30th Supply Flight commander

bout a decade ago, Air Force officials formally defined our service's core values as: Integrity First, Service Before Self and Excellence in All We Do.

This declaration wasn't labor intensive, all they had to do was look around at how we do business. The supply world is a good example of what they saw then and what you experience now

INTEGRITY FIRST

Do the right thing, even when no one else is looking – it seems simple enough. But sometimes it comes at a personal or organizational cost. We accept that cost as the price of doing what's right and, at times, we have to put aside our self-interests.

Managing a detailed materiel and funds accounting system takes integrity. Our supply technicians use the Standard Base Supply System to requisition, track, receive and issue new parts. By using the requisition priority system properly and diligently entering the data, our customers receive the weapon system components and support equipment when and where they need it.

Service Before Self In today's high ops tempo Air Force, working for the greater We willingly put aside our own desires, best interests – sometimes our physical well-being – because we understand that each of us is an important part of the mission.

Maj. John Riggins 30th Supply Flight Commander

good of the institution or mission accomplishment takes a toll. We willingly put aside our own desires, best interests – sometimes our physical well-being – because we understand that each of us is an important part of the mission.

This selfless service may range from an individual member working a few extra hours to complete an important project to paying the ultimate price of one's life in defense of our nation or its vital interests.

In supply, that service means holding ourselves and our customers accountable for following the strict rules for requisitioning and accounting for materials in accordance with Air Force instructions.

But when someone wants to do something the wrong way, we serve our customers by saying "No." Customers, ourselves included, don't like to be told something they don't want to hear. We genuinely want to please our customers by doing what they want. We resolve the conflict by helping our customers define their need. Then we find the right way to satisfy that need – even if it's not through SBSS. Anything can be done; we help our customers do it properly and in a timely manner.

EXCELLENCE IN ALL WE DO
On a regular basis, we are
driven to examine whether there
is a better, more effective or
efficient way to accomplish a
task or mission. Sometimes that
means evaluating whether or not
we're even trying to do the right
thing the right way. When we
use our "integrity goggles" to
view the answers to these

operate.
Ultimately, this daily pursuit
of "Excellence In All We Do" is
aimed at brainstorming ways of

questions, we may end up

developing new, maybe even

radical, changes to the way we

doing or getting more for less and providing better service to our customers. It leads to the further streamlining of supply operations while maintaining the same or higher level of customer service.

Outsourcing is a perfect example of the benefits of our commitment to "Excellence In All We Do." Both stateside and abroad, the Air Force has saved a lot of money by outsourcing base supply activities that don't have mobility missions.

Additionally, Air Force and major command supply operations are employing information technology to regionalize supply services.

This effort has reduced the footprint supply organizations have at the unit level while providing the same level of customer service through major command regional supply squadrons.

Locally, our dollar saving programs such as hazardous material free issue and material turn-in screening areas allow customers to look through items before they go to the reutilization office. Each of these programs save our customers money.

Regardless of mission, location or need, supply is there – in person or a keystroke away – the 30th Supply Flight and supply activities throughout the Air Force are living examples of our core values.

April 5, 2002 SPACE&MISSILE**TIMES**

PHOTO BY SENIOR AIRMAN JONATHAN POMEROY

(Above) Staff Sgt. Marvin Banks, Guardian Challenge 2002 launch operations team, ensures the range is clear during a training ride. (Right) 1st Lt. Kris Barcomb and Capt. Dewitt Morgan, also GC 2002 launch ops team members, manage multiple contingencies during one of their many rides. Held May 5 to 10, Guardian Challenge is space command's premier space and missile competition.

GC launch ops team sharpens talons

By Master Sgt. Lloyd Conley

30th Space Wing Public Affairs

embers of Team V's Guardian Challenge 2002 launch operations team are sharpening their talons in anxious anticipation of the annual showdown next month here to see who's the best of the best in space and missiles and in Air Force Space Command.

"Last year's award winning performance is the benchmark for this year's competitors," said Capt. Jim Gray, Air Force launch controller trainer.

"This year's training, much like the previous years', is as intense and realistic as it can possibly be," Gray said.

The captain is the operations team lead trainer and he was also a competitor on last year's GC team.

Besides academic preparation, the operations team also steels themselves for the "Challenge" by going on a few "rides."

The ride, as it is normally referred to, is a simulated launch, in this case an Atlas rocket, and it proceeds according to a very detailed script written by experienced trainers and previous GC players.

Rocket launches are complicated enough. However, the scripts are written with Murphy's Law in effect – anything that can possibly go wrong will.



This training ride was no countdown is Barcomb's primary exception. The launch sequence concern, sorting out area clearbegan normal enough for Capt. ance issues that can impact the Dee Morgan, Air Force launch launch is Staff Sgt. Marvin controller and 1st Lt. Kris Banks' job. He's an aerospace Barcomb, deputy AFLC trainer. control officer for the 30th Range A few minutes into the count-Squadron. down a simulated console fire "My primary responsibility is

to keep the hazard space clear for the launch," said Banks, who was a trainer last year and helped write the script for the 2001 team.

The hazard space encompasses the land, sea and air in the vicinity of Vandenberg and nearby communities. His actions, or reactions, often involve prioritizing decisions to keep the area clear and safe for a launch.

Banks' response might involve actions like addressing the issue of the aircraft that inserted the parachutist in the hazardous aerospace. He might be required to coordinate with the railroad company to prevent a train from entering the hazard area or with the Coast Guard to prevent one or more boats from entering the affected area.

The fact that it's a simulation ride doesn't make it any easier, said 1st Lt. Ken Jackson, 2nd Space Launch Squadron deputy AFLC trainer. The action-packed scenarios are written to be as

harrowing as possible.

"This is only one of 15
scripts," added Jackson. "This one is about 65 pages long, others are more than a hundred pages deep."

"One of the good things about this year's Guardian Challenge competition is that we'll be working with the Atlas for the third year in a row." said Gray. The familiarity with the system really helps to strengthen the quality and preparation of the training.

Other competitors and trainers in this year's launch operations team include the following 2nd SLS and 30th Range Squadron members: 1st Lt. Kirk Morris, range operations commander; Capt. Phil Franklin, range operations commander trainer; Capt. Ray Galik, mission flight control officer; Capt. Scott Koopman, mission flight control officer trainer; Master Sgt. Rocky Belmontes and Staff Sgt. Gerald Mishloney, aerospace control officer trainers.

Base wildlife officials patrol with Liberty, Justice for all

By Master Sgt. Ty Foster
30th Space Wing Public Affairs
Editor's note: This is the second
article in a three-part series
about Team V's military working
horse team.

hen the search began for replacements to Vandenberg's aging military working horse herd, it led to a pair of yearlings who had already cheated death.

Now nearly two years old, Liberty and Justice are "Premarin foals," said Carolyn Curry, 30th Security Forces Squadron military working horse trainer.

According to Curry, a Canada-based drug company uses urine from pregnant horses to produce the female hormone replacement drug Premarin.

"Since the horses are constantly kept pregnant, they produce many foals that are not wanted by the people 'growing' them. They often end up at the slaughterhouse," she said.

Curry learned about Premarin foals during her five months of research into horse breeds that could handle the diverse terrain and mission on California's Central Coast.

"The horses used are draft breeds or a combination of draft and thoroughbred and are from beautiful bloodlines," she said. Through the centuries, the various breeds of draft horses have been bred for their strength and used in farming and transportation. Throroughbreds are well known for their speed and endurance in horse racing circuits.

Liberty and Justice carry Percheron and Thoroughbred bloodlines.

The pair will grow to weigh more than 1,500 pounds each and stand about six-feet high at the shoulder, according to Jim Mercier, Vandenberg's Wildlife Enforcement Chief.

"They are the perfect combination for police work, and many departments are using them," Curry said.

Curry said Jennifer Johns and Cheryl Forbes of The Animali Farm near Santa Maria, Calif., rescued "the girls" from a certain death.

"They had two young mares ... and wanted to see them go to

one good home," Curry said.
"They were very excited about
the girls becoming Air Force
horses and gave us a great price."

Usually the draft crossbreeds sell for about \$5,000 a piece as yearlings and upwards of \$25,000 as adults for use in show jumping, cross-country jumping and dressage events, the horse trainer said. Johns and Forbes sold the pair to Team V for \$5,000.

It didn't take long for Curry and Mercier to come up with the names Liberty and Justice.

"We got the girls right after Sept. 11, and the names just fit the horses and the image of what we stand for," Curry said.

Mercier said he incorporated military working horses into his program back in 1996 because of the rugged terrain here.

"We can patrol just about anywhere," the base's top game warden said.

Mercier's game wardens enforce the various state and federal wildlife protection and environmental laws here from their in-the-saddle vantage point of about nine feet.

Before Liberty and Justice can



(Left to right) Jim Mercier, base wildlife enforcement chief, Justice, Liberty and Carolyn Curry, base military working horse trainer, take a break from a training session.

patrol their 99,000-acre beat, they'll undergo some training.

incapacitated Morgan.

The situation only deterio-

During the tower roll-back, a

curred on the base, a contractor's

weather advisory warned of hail

Barcomb to respond to parachut-

facility following an earthquake.

While the actual launch

and lightening in the vicinity.

The script also required

ists in the launch area and an

evacuation from the launch

rated for Barcomb afterward.

simulated chemical spill oc-

feet were burned with battery

acid as he tried to enter the

launch control facility. A

Curry and Mercier are working the mares in a round pen using the training techniques of world-renowned horse trainer John Lyons.

"We hope to have Liberty and Justice under the saddle within the next six months," she said. "Once the horses become comfortable with a rider and can demonstrate that they understand the 'cues' that the rider is giving

them, they can start confrontation management training."

Conducted with the Santa Barbara Mounted Sheriff's Department, the training involves desensitizing the horses to loud noises and projectiles. The horse and rider teams also learn mounted apprehension and how to move in formation with other horses.

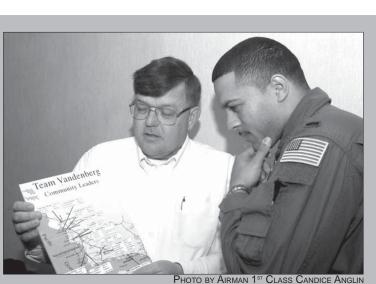
Team V's mounted patrols also use the confrontation training during the many public

relations outings they attend.
"It allows the horse to tune out the chaos and focus on what the rider is asking," Curry said.

From their rescue as Premarin foals to the work they'll do as military working horses, Liberty and Justice are a reflection of the Air Force's commitment to doing right.

"We want to bring in horses like these who can help us perfect our program while still helping those horses in need," Curry said.

Team Vandenberg Civilian Spotlight



Name: Jack Hokanson

Assignment: 30th Space Wing Public Affairs chief of community relations **Hometown:** Columbiana. Ohio

Hometown: Columbiana, Ohio Time on Vandenberg: 4 years

Time in service: 20 years active duty, 14 years civil service Supervisor's comments: "With 34 years of LLS. Air Force

Supervisor's comments: "With 34 years of U.S. Air Force service, Jack is the 'rock' that the public affairs office and local communities look to for guidance and support," said Capt. Tom Knowles, 30th Space Wing Public Affairs director. "As the community relations chief, he helps the world understand the Air Force and Vandenberg mission. His efforts have a daily and positive impact on the public's trust and support of the Air Force what we do. That's a tremendous responsibility, but Jack makes it look easy."

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Bootstrap ends, program begins

By Master Sgt. Rick Burnham

Air Force Print News

■ WASHINGTON, D.C. — In its heyday, the Air Force Bootstrap Program served thousands of bluesuiters, providing an effective means to reach professional and academic goals. But those days — and the program — have come to an end.

"Our educational opportunities have greatly expanded over the past 10 years," said Marylee Baker, assistant chief of the voluntary education branch within the deputy chief of staff for personnel's office.

Recent developments have resulted in a closer look at Bootstrap, along with Title 10 — Educational Leave of Absence, which provides public law for such programs. That assessment, Baker said, is the driving force behind the retirement of Bootstrap.

Baker said that, although the program has served the force very well over the years, its time has come to an end.

"The new Air Force ELA program mirrors the old Bootstrap program as much as the law will allow," she said. "There are adjustments to active-duty service commitment, pay and entitlements guidelines."

Specifically, changes involve the active-duty service commitment incurred by a participant in the program, as well as the entitlements received while enrolled.

Also, public law requires termination of basic allowance for housing and basic allowance for subsistence entitlements to those using ELA.

Retired enlisted people now have avenue to return

■ RANDOLPH AFB, Texas — Recently retired enlisted people now have the option to come back

to active duty and, in the process, help the Air Force quickly and inexpensively get experienced people on the job.

"The program is for retirees and we're going to make every effort to help people come back in," said Chief Master Sgt. Al Diaz, chief of the skills management branch at the Air Force Personnel Center here. "People have asked how they can serve again and we certainly have a need — so here we go."

The Voluntary Retired Enlisted Airman EAD recall program, VREAD for short, is designed to offset the shortages of trained airmen in hard-to-fill skills. Airmen who retired from the regular Air Force within the past three years can serve for a period of 24 months.

"There was a dramatic increase in the number of people wanting to rejoin the service following Sept. 11," said Diaz. "At that time the Air Force could accommodate, those who separated or wanted to transfer services, but there was a void for those qualified retirees who wanted to return. This program fills that void."

People returning will be brought back to active duty for 24 months while the current state of national emergency is in effect. (Courtesy of AFPC News Service)

Club members win Caribbean cruises

■ RANDOLPH AFB, Texas – An officer at Goodfellow AFB, Texas, and a retired Air Force member from Altus AFB, Okla., will soon be off on a seven-day cruise to the Caribbean courtesy of the Air Education and Training Command club system.

A technical training student at Goodfellow, 2nd Lt. Andrew Bell, and Bob McFadden, a contractor who runs C-5 simulator training at Altus, each won a cruise for two as the grand prize winners in the

February Cupid's Cruise promotion.

Lt. Gen. John D. Hopper Jr., AETC vice commander, drew the winning entries during ceremonies March 22 at AETC headquarters.

"The Cupid's Caribbean Cruise program thanked our current club members for their loyalty by offering them a chance to win one of several weekly prizes during February and a Caribbean cruise as the grand prize," said John Hanna, project officer for the cruise promotion at the AETC Services Business Branch. (Courtesy of Air Force News Service)

Register online for 2002 U.S. Air Force Marathon

■ WRIGHT-PATTERSON AFB, Ohio — People can now register online for the 2002 U.S. Air Force Marathon, scheduled here Sept. 21.

All levels of marathoners, including people in wheelchairs, from around the world are invited to participate in the marathon, which is traditionally held the third Saturday of September.

More than 350 runners have already registered, said Tom Fisher, marathon coordinator.

The first U.S. Air Force Marathon was held here Sept. 20, 1997, to coincide with the Air Force's 50th anniversary.

The governing body of longdistance running in the United States, U.S.A. Track and Field, certified the course in 1997.

Reduced fees for early registration are available until July 1. Registration deadline is Sept 4.

To register, or for more information, visit the marathon Web site, or call the marathon office at (937) 257-4350 or (800) 467-1823. (Courtesy of Air Force News Service)

Editor's Note: For these news stories and more, check out the website www.af.mil.

Titan II's enjoy long, distinguished service

By Capt Tom Knowles
30th Space Wing Public Affairs

■ Titan II rockets have enjoyed a long and interesting career, not only serving as space launch vehicles for launching satellites, but also as intercontinental ballistic missiles and manned launch ve-

hicles for NASA's Gemini space

program in the mid-1960s.

The Titan family was established in October 1955, when the Air Force awarded Lockheed Martin, formerly the Martin Company, a contract to build an ICBM. That missile was the Titan I, the nation's first two-stage ICBM and first underground silo-based ICBM.

The company built more than 140 Titans IIs. They were once the vanguard of America's strategic deterrent force.

"We're talking about a 30 to 40 year program," said Lt.Col. Clint Crosier, 2nd Space Launch Squadron Commander. "These Titan IIs were originally out in missile fields during the 50s and 60s sitting on nuclear alert."

When the United States later began to upgrade its nuclear forces to the Minuteman ICBMs, the Titan IIs were deactivated from 1982 until 1987. "The Air Force recognized the value of the existing technology and envisioned pulling some of those old Titan IIs out of missile silo's for later use," said Crosier. "Lockheed Martin brought many to Vandenberg and revamped them to be used for space lift."

The Martin Marietta Astronautics Group was awarded the con-

tract in January 1986 to refurbish, intergrate, and launch 14 Titan IIs for government space launch requirements. The Air Force successfully launched the first Titan II space launch vehicle from Vandenberg Sept. 5, 1988.

Since that time, the base has used these rockets to launch weather satellites for both military and civilian use.

From a taxpayer's perspective, that's a pretty good return on an investment, said Crosier.

The base is now witnessing the end of an era with the launch of its last three Titan II rockets.

All three are scheduled for launch by next January. The Evolved Expendable Launch Vehicle will step into the Titan IIs role by 2004.

Base's network security needs improvment

By Staff Sgt. Andrew Leonhard 30th Space Wing Public Affairs

■ The Air Force Space Command Information Assurance Assessment Team assessed Vandenberg's com-

puter security from March 18 to 28.

While the base received a "Satisfactory" rating, in-

spectors noted some areas that need improvement.

The inspection team was able to gain access the second se

The inspection team was able to gain access to people's usernames and passwords.

"We used what we call 'social engineering," said Capt. Tom Enright, AFSPC IA,

The term "social engineering" refers to the deception of legitimate computer users into providing useful information that helps individuals gain unauthorized access to their computer system.

"One of our inspectors posed as a help desk technician. He randomly called an office out of the base phone directory. The inspector told the user that the help desk has cracked their password with a new program they are running and the user needs to change their existing password to one the help desk technician gives, such as 2002Crack!," Enright said.

"The user never gives the inspector their old password, but they don't really need it now that the inspector has the user's new password." Enright said.

"When you give someone access to your username and password, that person has all the rights and permissions to do anything you can do on the network," said Thomas Woodard, 30th Space Wing Information

Assurance Office chief.

Woodard gave an example of any user on base who has access to their e-mail and the ability to go to any .mil restricted web site in the world.

During their week-long visit the inspectors were able to get 15 passwords during the 12 calls they made. The victims ranged from airmen to colonels.

"In the Network Defense business, we are all only as strong as our weakest link," said Lt. Col.

Bradley Ashley, 30th Communications Squadron commander. "Information Assurance depends on each one of us to do our part to protect against ever changing threats and vulnerabilities," he said.

No one has a right to a user's network logon credentials except that user, said Woodard. If contacted by someone to either change their password or give their password to someone, people should get all the details they can from the caller, such

why they want the password.

Woodard and Enright both said the best defense against these security violations is awareness.

as name, a call back phone number, work center and

Unit Information Assurance Awareness Managers are given articles monthly on the IA Awareness Campaign Website https://milnet/wiao/IAAP/IAAC2002/

paign Website https://milnet/wiao/IAAP/IAAC2002/index2.htm, said Woodard.

If something just doesn't sound right or seems a bit irragular, report the suspected attempt to the Network

If something just doesn't sound right or seems a bit irregular, report the suspected attempt to the Network Control Center at 606-2622 or Wing Information Assurance Office at 605-5087.

EVENTS



The 30th Medical Group holds a Women's

Health Celebration Day Saturday from 10 a.m. to noon at the Services Center. For more information, call the Medical Group at 606-3011.



The Chapel Community Night is every Sunday from

5:30 to 7:30 p.m. in the Religious Education Bldg. classrooms. For more information, call Jill Hembroff at 734-1360, Sharon Egan at 734-4102, or Chaplain (Capt.) Michael Husfelt at 606-



Registration for Crestview **Elementary**

School kindergarten for the upcoming school year is Wednesday from 8:15 to 11 a.m. for students whose last names begin with A through M and from 1 to 2:30 p.m. for students whose last names begin with N through Z. For more information, call the Lompoc Unified School District at 736-2371, Ext. 301.



Informational briefings for **Embry-Riddle**

graduate degrees are set for Thursday and April 18 at 11 a.m. and 5 p.m. in the Educational Services Complex, Bldg. 14004. Light snacks and refreshments are provided. For more information, call (805) 358-3403 or (661) 947-4025.

The **Scho**lastic Aptitude **Test** is April 12 at 8:30 a.m. at

the Education Center. This test is open to active duty only. To schedule a test slot, call the base education office at 605-5904.

The Family Support Center holds a **Bundles for Babies**

workshop April 12 from 2 to 4 p.m. at the center. This is an informational workshop for expectant parents to learn more about parenting skills and meet other expectant parents. Classes are open to all Air Force ranks and are not limited to a first pregnancy. Contact Lyn Smith at 605-8551 for registration and



The Vandenberg Youth Center holds a "Salute

To Youth" April 13 from 1 to 4 p.m. at the Youth Center. For more information, call 606-2152.

Registration for Los **Padres** Elementary

School kindergarten is April 15 from 8:30 to 10 a.m. for students whose last names begin with A through L and 10 a.m. to 11:30 a.m. for students whose last names begin with M through Z. For more information, call the Lompoc Unified School District at 736-2371, Ext. 301

The United We Stand Marriage **Conference** is

April 19 and 20 at the Services Center. This conference for couples will cover various topics such as commitment, communication, conflict management, and a personality and temperament test. Pre-registration is required by April 12 to give ample time to process the Myers Briggs Type Indicator. For registration or further details, call Linda Bastine at 606-9958.

The CLEP English with Essay is April 19 at 8:30 a.m. at the base education office. Call 605-5904 to schedule an appointment or for more information.

Special **Olympics** returns to Vandenberg

April 20. The Vandenberg Special Olympics committee needs several hundred volunteers

Community Calendar

to be athlete escorts, event workers, set-up/tear-down teams and more. Anyone from Team Vandenberg can volunteer. Call Capt. Trevor Flint at 606-0101 to volunteer.

MAY

Circus Chimera comes to Solvang April 29 and 30 at

the Old Mission Santa Ynez Grounds. The circus visits Lompoc May 1 and 2 at Central and O Streets. For more information, call 1-800-548-5318, Ext.

<u>CLASSES</u>

The Health and Wellness Center offers T.G.I.F.

Lunchtime Relaxation every Friday at 12:30 p.m. in the HAWC. Linda Bastine guides participants through various exercises for mind relaxation. Relaxing the mind is one of many ways to manage stress. No registration is required. For more information, call Linda Bastine at 606-9958.

Allan Hancock College holds a Nursing

Student Workshop from 10 a.m. to noon Saturday in the AHC Forum, Bldg. C, Room 40, on the Santa Maria campus. For more information about the workshop or AHC nursing programs, call (805) 922-6966.

Beginning and Advanced **East Coast Swing classes**

begin April 23 from 7 to 9 p.m. at the Anderson Recreation Center in Lompoc. For more information, call the Lompoc Parks and Recreation Dept. at 736-6565.

The USAA Educational Foundation conducts a

child passenger safety technician certification training

Hopping down the bunny trail ...

Dilys Muniz, 2, daughter of Senior Airmen Jorge and April Muniz of the **30th Communications** Squadron, finds an Easter egg during the annual egg hunt at the **Youth Center Saturday** morning. More than 350 Team V children scrambled for the colorful eggs in four different areas around the center during the annual event.



program for military and civilian people on Vandenberg. The course is April 30 through May 3. Class size is limited to 35 people. For more information, call Valerie Andersen at 606-5338.

The Lompoc Parks and Recreation Department offers a **fabric stamping class** April 30 from 6 to 8:30 p.m. The class is \$10. For more information, call the department at 736-6565.

Students in the 4th grade and up can learn to play a band instrument in the **All Valley** Band. The class is from Monday to May 1 from 4:30 to 6:30 p.m. in the Civic Auditorium in Lompoc. The cost is \$40 for residents and \$48 for all others. For more information call the Lompoc Parks and Recreation Dept. at 736-6565.

MEETINGS



The Women's Saturday **Morning Bible**

Study meets the first and third Saturday of each month at 10 a.m. in the Religious Education Complex Administration building. The current topic is "Spiritual Warfare." For more information, call Genette Howard at 734-1693 or Chaplain (Capt.) Michael Husfelt at 606-5773.

The Protestant parish sponsors a weekly event for the whole family Sunday. A time for

praise, worship and fellowship begins at 5:30

p.m. Sunday. Classes for the whole family begin at 6 p.m. For more information, call Jill Hembroff at 734-1360, Sharon Egan at 734-4102, or Chaplain (Capt.) Michael Husfelt at 606-5773.

The Family Support Center holds a Newcomer Spouse

Orientation Monday from 7:45 a.m. to 12 p.m. at the Pacific Coast Club. For more information, call 606-0801.



Vandenberg's Single Parents' Support **Group** meets

for lunch every second and fourth Tuesday at 11 a.m. in the Pacific Coast Club. The group is open to Vandenberg's military and civilian single parents. The next meeting is Tuesday.

The Lompoc Valley Bicycle Club meets at 7 p.m. the second Tuesday of each month at the Baker's Square Restaurant on North H Street in Lompoc. The group is family and singles oriented and consists of about 30 members ranging in age from 1 to 70 years.

Air Force Sergeants Association general membership meeting is Tuesday at 3:30 p.m. in the

Services Center. For more information, call Tech. Sgt. Scott Astrosky 606-8700.

Men's Weekly Bible Study is held at 6 a.m. in the Breaker's Dining Facility every Wednesday. For more information, call the Chapel at 606-5773.

The Society of Military Widows hosts a briefing on alternative medicines by Maj. Michelle Williams, 30th Medical Group, Wednesday at 2 p.m. For more information, call the Retiree Activities Office at 606-5474 Tuesday through Friday from 10 a.m. to 2 p.m.

SPORTS

The Vandenberg Women's Soccer Team

needs players. The team plays in the Central Coast Women's Soccer Association League and is open to all women over the age of 18 years. Call Capt. Ann Curtis at 606-2382 for further details.

The **Diana Youth Softball** Booster Club needs board members. Call the Youth Center at 606-9374 or Kari Rosson at 734-1028.

The Ten Star All Star **Summer Basketball Camp** is accepting invitations from children ages 10 to 19. The camp nearest to Vandenberg is in Thousand Oaks, Calif. For a free brochure, call (704) 568-6801.

V i e S

Today Queen of the Damned

Starring Aaliyah and Stuart Townsend An adaptation of Anne Rice's bestselling novel, the supernatural adventure follows the legendary vampire Lestat, who reinvents himself as a rock star in the contemporary American music scene. His music wakes the queen of all vampires. She is so powerful that all the immortal vampires must stand against her if they hope to sur-

vive. Rated R. Saturday John Q

Starring Denzel Washington For an ordinary man who works at a factory, his wife and young son are his

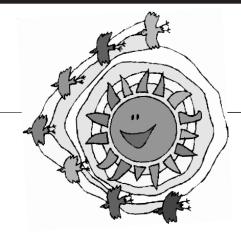
world. But when his son falls seriously ill and needs an emergency heart transplant operation that he can't afford and his health insurance won't cover, he takes a desperate gamble by taking the emergency room hostage. Rated PG-13.

Sunday Hart's War

Starring Colin Farrell Lieutenant Tommy Hart is a second year law student who is enlisted as an officer's aide in World War II due to his father's political pull. When he is captured and thrown into a German prisoner of war camp, a top-ranking colonel assigns him to defend a black prisoner accused of murdering a fellow

white prisoner. Rated R. All movies start at 7:30 p.m.





PACIFIC COAST CLUB

TODAY!

Officers' Lounge to 10 p.m.

Enlisted Lounge 7 p.m. to **Midnight**





Experience the splendor of...



April 28-30

including a special side trip to the spectacular Mariposa Redwood Grove. \$225 per person sharing, single, add \$175

Includes two nights, superior room, Yosemite Lodge and transportation. Call 606-7976 for more information.

Huntington **MUSEUM**

 $May 2, ^\$ 35$ transportation & entrance

Spend a day at one of the best museums in the state. Extensive literature and art displays, including the famous Gainsborough painting of the 'Blue Boy' and acres of fantastic gardens which will be in full bloom. Call VITT at 606-7976 for more information.



JOHN'S BARBER SHOP

606-2428

Next to Foggio's Pizzeria Open 9 a.m. to 5 p.m. Monday through Friday Call for an appointment.

Would you like to join a...



BOWLING

from 3 to 6 p.m. Instruction by a certified bowling coach. Call the Bowl for reservations, 606-3209 or 734-1310.

TUESDAY - Teen Appreciation Night

Bowl all games for \$1.50 each from 4 'til closing. Call for more details at 606-3209 or 734-1310.

FITNESS

TODAY - Yoga Fitness, 9 to 10 a.m., Services Center

TUESDAY - Women on Weights, 9 to 10 a.m.

THURSDAY - Life-Circuit Orientation, 10 to 11 a.m. at the new Tennis Courts

For more information, contact the Fitness Center at 606-3834.

ROD & GUN

SATURDAY -

Silouette Steel Target Shoot 8:30 a.m.

April 13 -Pistol Bull's-eye Shoot 8:30 a.m.

April 14 -

Sporting Clay Shoot 8:30 a.m.

April 20 & 21 -NSSA & CSSA Skeet

Scout Invitational 8:00 a.m Call Lance at 606-4560 for more information.

YOUTH CENTER

SUMMER CAMP REGISTRATION

Registration for the Youth Center's School Age Program Summer Camp begins Monday. Registration is open for all children who will have completed Kindergarten by June 6. Priority is given to those currently enrolled. Camp runs June 6 through mid-August. For more information, call the Youth Center at 606-2152.

GOLF

REMEMBER -

Daylight savings time begins Sunday; Twilight hours change to 3 p.m.

WEDNESDAY -

Ladies Priority, 8:32 to 9:04 a.m.

NOTICE -The base library is closed today for inventory. We will reopen on Saturday, Noon.

LIBRARY

Looking for some fun??? Check these great activities offered by...

RECREATION



April 26

Port Hueneme Sportfishing

Depart April 26, 1 a.m. from Equipment Checkout. Return to Vandenberg AFB approximately 7 p.m.

Sign up deadline: April 24, COB



\$65 per person

includes rod and reel, hooks, weights, line, boat ride and bait. \$60 per person if you have your own set-up.

No ice chest or colors allowed on the boat. There is a galley with cook on board. Bunks are available.

Pre-trip briefing, April 24, 5 p.m. at Equipment Checkout, Bldg 11238

For more information, call Curtis Dunster at 606-5908.

Sign up for these Outdoor Recreation activities today!!!

SATURDAY - HORSEBACK RIDING at Circle BAR-B-RANCH

11:30 a.m. to 1 p.m., \$40 per person. Sign up by 5 p.m., today.

APRIL 13 -SANTA BARBARA SAILING TRIP

12 to 4 p.m., \$45 per person. Call Curtis at 605-5908 for information or to sign up.

STARTING IN APRIL -KERN RIVER

WHITE WATER RAFTING TRIPS

\$55 per person. One day trips. Includes lunch and transportation. Call Curtis at 605-5908 or Jeff at 605-7615 for more information.

BAIT FOR SALE - Outdoor Rec has bait available for all types of fishing!

MM III: Few missileers get 'glory' of an ICBM launch

from Page 1

a missileer's career too.

"Fewer than one half of one percent of all ICBM launch officers will ever have the opportunity to launch an ICBM," said Capt. Dave Slye, GT-178 launch director.

From booster emplacement and re-entry vehicle preparation to range coordination and scheduling, Fortney's entire unit of more than 300 people play key roles in every aspect of the mission.

But Glory Trips are a team ef-

The airborne launch control

team is out of Offutt AFB, Neb., and the missile was taken off alert by a team from the 90th Space Wing, F.E. Warren AFB, Wyo.

Lt. Col. Derek Avance leads the 24-person task force from the 90th SW. The task force commander said his 24-person team has been working this mission since August. Sept. 11 put a kink in their operations to take the missile off alert. They finished the process in December and then the hard work re-

"The most labor intensive portion is the missile emplacement and

ally began.

build up to get a sortie on alert as early as possible," Avance said. The 90th operates 200 Minuteman and Peacekeeper missiles over 12,600 square miles covering Wyoming, Colorado and Nebraska.

Col. Robert M. Worley II, 30th Space Wing commander, serves as spacelift commander for the \$21million test.

The 30th SW averages about five Glory Trips per year ensuring a key component of global stability - our nation's ICBMs – continue to be a safe, secure and affordable weapon system that delivers deterrence.

GC: Competition features 200 competitors in AFSPC

from Page 1

competition, reflective of the command's motto "Guardians of the High Frontier."

The competition features about 200 competitors from AFSPC units participating in a five-day competition to improve space procedures and operations.

This year's competition sees representation from Buckley and Los Angeles AFBs, both new to the command.

The 460th Air Base Wing at Buckley will participate with communication and security forces competitors while the Space and Missile Systems Center at Los Angeles will send observers to examine the possibility of future participation.

Teams display their capabilities

From page 1



PHOTO BY SENIOR AIRMAN EDWARD BRALY

Staff Sgt. Terry Hutchens, 30th Security Forces Squadron, gives cover fire while the "Hawks" cheer his team on during the security forces marksmanship competition during Guardian Challenge 2001.

to a squad of evaluators from their forces, missileers, maintainers, fields. Competition areas include evaluations of chefs, security

space operators and helicopter

BRIEFS: Waps scores online, tax deadline aproaches

through major, to serve as escorts for distinguished visitors from May 4 to 10. Volunteers Effective Wednesday, the 30th Space Wing must display strong military bearing and communications skills. To volunteer, call 1st Lt. Erick Fonseca or 2nd Lt. Joe Mannino at 606-2959 or 606-6035. WAPS SCORES AVAILABLE ON-LINE

Enlisted members now have the ability to view their Weighted Airman Promotion System scores online. The latest update of the virtual military personnel flight allows members to access their score information about 10 days after the release of results. New vMPF users will need to establish an account before using the service. The process only takes a few minutes. People can access the vMPF through the Air Force Personnel Center web site at www.afpc.randolph.af.mil

LEGAL OFFICE CHANGES HOURS

Legal Office changed legal assistance hours on Wednesdays. The new hours are from 3:30 to 4:30 p.m. Attorneys are available for a range of legal issues. Notary services for Powers of Attorney, affidavits, etc., are also available. For more information, call Tech. Sgt. Yovanne Prince at 605-6220.

TAX FILING DEADLINE NEARS

There are only 10 more days left in this year's tax filing season. The base tax office offers free service to all active-duty, dependents, retirees and federal employees. Trained volunteers are accepting appointments to prepare federal and state returns. Call a unit tax at 606-3650 or 605-3668.

GLORY: Sept. 11 delayed task force, but never stopped

from Page 1

Wing task force commander. "Due to events of Sept. 11, this

process was delayed," he added. So in November, the 17-person maintenance crew once again began preparing the missile and it was ready for transport in December.

In total, it takes about three weeks to take the missile apart and prepare it for transport.

Taking the first three stages out of the missile silo is only the first few days of the process, according to1st Lt. James Parslow, maintenance officer-in-charge for Task Force 178GM.

The rest of the time is dedicated to testing and inspecting the re-entry system and processing the lower stages of the missile, he

Once the appropriate tests have been run, a crew from Hill AFB, Utah, transports the missile here to Vandenberg.

That's when Vandenberg's own 576th Flight Test Squadron steps

They prep the booster and reentry vehicle, schedule, and coordinate with the Range, said Capt. Dave Slye, range director for the 576th FLTS.

They also outfit the missile with a command destruct device. If the missile veers off course for any reason, the launch director has the capability to destroy the missile.

Now that all of that is complete, the missile is ready to be put back into the "hole." The task force maintenance crew from F.E. Warren takes over again. They arrived March 17 to ready the missile.

"Here, we do exactly what we would do at an operational unit to build up a site for launch," said

A transporter erector is used to emplace the first three stages into the launch.

One main difference at Vandenberg is that crews refurbish the silo with a thick, pliable gray putty to prevent the silo from being damaged during launch operations.

"In an operational unit, all of this would be scorched during launch," Parslow said. "It would take a while to get the silo ready to be used again."

The 576th FLTS has outfitted the missile for test, the maintenance crew has put the missile in the silo and readied it for launch, it's now time for the task force's operational

team to step in. For Monday's launch, the team came into town mid-March to begin 24-hour-aday, seven-day a week operations.

For the sixperson operations team, there are a few differences between what they do at Vandenberg for a test launch and what they do "up north" for real-world operations, according to Capt. Mark Collison, the operations officerin-charge for Task Force 178.

"One difference is that here we only monitor one missile instead of 10," he said.

Another difference is the knowledge this missile will leave the silo.

"It's exciting, because it gives us the opportunity to initiate actions during a launch," said Collison. That is something he hopes he never has to do "for

One thing that doesn't change is that a two-person crew goes into the "hole," which is 60 feet underground, for 24 hours.

"Although it's rarely this cold in a silo at home," said Collison referring to the 58 degree temperature.

Usually the other equipment is on and giving off heat to keep the launch control center warm, he said.

For this 24-person team from Wyoming, all of the hard work they've put into this launch will wrap up sometime in the early



FILE PHOTO

A Minuteman III launches from North Vandenberg. Each launch is a total team effort.

morning hours Monday while the 576th still has their work cut out for them. They will have a lot of test data to analyze.

The test launch of a missile is referred to as a "Glory Trip," because it is a rare opportunity to actually launch one into space. Parslow emphasized that these

"Glory Trips" are rare experiences and not everyone will have the chance to participate.

The men and women who get to "ride" have proven themselves at their operational base.

"The guys that are here, working the launch, are the cream of the crop," said Parslow. "We have guys that are here for their sixth launch. They're here because they're that good at what

they do.'